



REScheck Software Version 4.6.0 Compliance Certificate

Project Title: ULTIMATE CONSTRUCTION

Energy Code: **Wisconsin Uniform Dwelling Code 2009**
Location: **Dane County**
Project Type: **New construction**
Conditioned Floor Area: **4010 ft²**
Glazing Area Percentage: **14%**
Climate Zone: **6**

Construction Site:

Owner/Agent:
BRUNM

Designer/Contractor:
DAVE FEILER
WOHLERS HEATING & AC CORP
351 PROGRESS DRIVE
PO BOX 280
COTTAGE GROVE, WI 53527
608-839-1604
wohlershtg@aol.com

UDC Compliance: **Passes on UA trade-off**

Compliance: **10.4% Better Than Code** Maximum UA: **402** Your UA: **360** Maximum SHGC: **0.40** Your SHGC: **0.28**

The % Better or Worse Than Code index reflects how close to compliance the house is based on code trade-off rules.

It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Glazing or Door U-Factor	UA
Ceiling 1: Flat Ceiling or Scissor Truss	2055	50.0	0.0		53
Wall 1: Wood Frame, 16" o.c.	2527	23.0	0.0		116
Window 1: Wood Frame:Double Pane with Low-E SHGC: 0.28	304			0.280	85
Door 1: Solid	63			0.300	19
Door 2: Glass SHGC: 0.30	42			0.300	13
Basement Wall 1: Solid Concrete or Masonry Wall height: 9.0' Depth below grade: 8.0' Insulation depth: 9.0'	1143	13.0	0.0		65
Basement Wall 2: Solid Concrete or Masonry Wall height: 4.0' Depth below grade: 3.0' Insulation depth: 4.0'	128	13.0	0.0		9
Furnace 1: Forced Hot Air 95 AFUE					

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the Wisconsin Uniform Dwelling Code 2009 requirements in REScheck Version 4.6.0 and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Name - Title

Signature

Date

Heating Equipment Sizing Summary

General Information

Outdoor Design Temperature -15 deg
Conditioned Floor Area 4010 ft²
Average Ceiling Height 9.0 ft
Infiltration Rate 0.50 Normalized ACH

Equipment Oversizing Factor	15.0	%
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Loads Summary

Conductive Losses	30677	BTU/hr
Infiltration Losses	27609	BTU/hr
Oversizing Factor Losses	8743	BTU/hr
Total Building Heating Load	67029	BTU/hr

Project Notes:

2055 RANCH